

[54] MATERIAL AND METHOD FOR DENTISTRY

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[57] ABSTRACT

An elastomeric foam composition is useful in dentistry for separating the gingiva from the adjacent teeth, for cleaning, as a pressure pack and wound dressing and as a cushion between dental appliances and the gums of a dental patient. The composition is made from a paste-like system of components which expands at least about 150% to produce a uniformly fine-grained foam composition having a resistance to compression such that a force of at least about 50 g per square cm. is required to result in 10% deflection. In a preferred embodiment, the elastomeric foam composition is formed from a system of components which includes silicone fluids, siliceous fillers, crosslinkers, hydrogen, sources and a catalyst, all present in amounts which provide a paste-like consistency before foaming and a resistance to compression after foaming such that 80 g. per square cm. is required to produce a 10% deflection.

3 Claims, 10 Drawing Figures